

What is claimed is:

1. A shelf, comprising at least one panel and at least one attached plastic structure, wherein said shelf is obtained by shrinking said at least one attached plastic structure after the at least one panel and the at least one attached plastic structure have been assembled.

2. A shelf as claimed in claim 1, wherein the at least one panel and the at least one attached plastic structure mate with an edge of the panel.

3. A shelf as claimed in claim 1, wherein the at least one panel and the at least one attached plastic structure exert lateral pressure on an edge of the panel.

4. A shelf as claimed in claim 1, wherein the at least one attached plastic structure is formed with at least first and second plastics, the first plastic being more flexible than the second plastic and configured to be in contact with the at least one panel and at least partly covering the second plastic that is more rigid than the first plastic.

5. The shelf as claimed in claim 1, wherein the at least one panel is secured to the at least one attached plastic structure by at least one of shrinking of the structure, clipping, and gluing.

6. The shelf as claimed in claim 1, further comprising at least one of an elastic adhesive and at least one flexible insulating gasket.

7. A shelf as claimed in claim 1, further comprising at least one assembly element having at least a first part clipped under the at least one panel against a vertical wall of the at least one attached plastic structure, a second part clipped under the at least one attached plastic structure, and a third part bent to border another part of the shelf or to form a runner configured to collaborate for cantilever mounting in a unit.

8. A shelf as claimed in claim 1, and which slides with respect to a support formed as a single piece.

9. A shelf as claimed in claim 1, wherein the at least one panel and the at least one attached plastic structure are obtained by air molding.

10. A method of manufacturing a shelf including at least one panel and at least one plastic structure, comprising forming the at least one plastic structure separately from the at least one panel by hot molding, assembling the at least one panel with the at least one plastic structure after molding before the at least one plastic has fully shrunk.

11. The method as claimed in claim 10, wherein the at least one panel is assembled with the at least one plastic structure after a mold has been opened, before shrinkage has reached 40% of total shrinkage.

12. The method as claimed in claim 10, wherein the at least one panel is assembled on an underside or top face of the at least one plastic structure.

13. The method as claimed in claim 12, wherein the at least one panel is held in place by clipping.

14. The method as claimed in claim 10, wherein, prior to assembly, at least one of an elastic adhesive and at least one flexible insulating gasket is deposited on at least part of the at least one plastic structure that is to be in contact with the at least one panel.

15. The method as claimed in claim 14, wherein the at least one elastic adhesive and at least one flexible insulating gasket deposited has a conical shape.

16. The method as claimed in claim 15, wherein a surface of the at least one panel is pre-treated, prior to application of the at least one adhesive, by one of sandblasting, grooving, goffering, forming roughnesses, and plasma treatment, to increase an area for contact between the at

least one plastic structure and the at least one of the elastic adhesive and the flexible insulating gasket.

17. The method as claimed in claim 10, wherein the at least one plastic structure is formed by two-injection molding.

18. The method as claimed in claim 10, whereby the at least one plastic structure is formed by air molding.

19. An element for assembling a shelf in a unit, the element configured to be fixed by clipping to the shelf, and having first, second, and third parts, the first and second parts configured to be fixed following two different directions and the third part configured to border the shelf in a third direction or to form a runner.

20. A refrigerator comprising at least one shelf as claimed in claim 1.